

Fig. 1

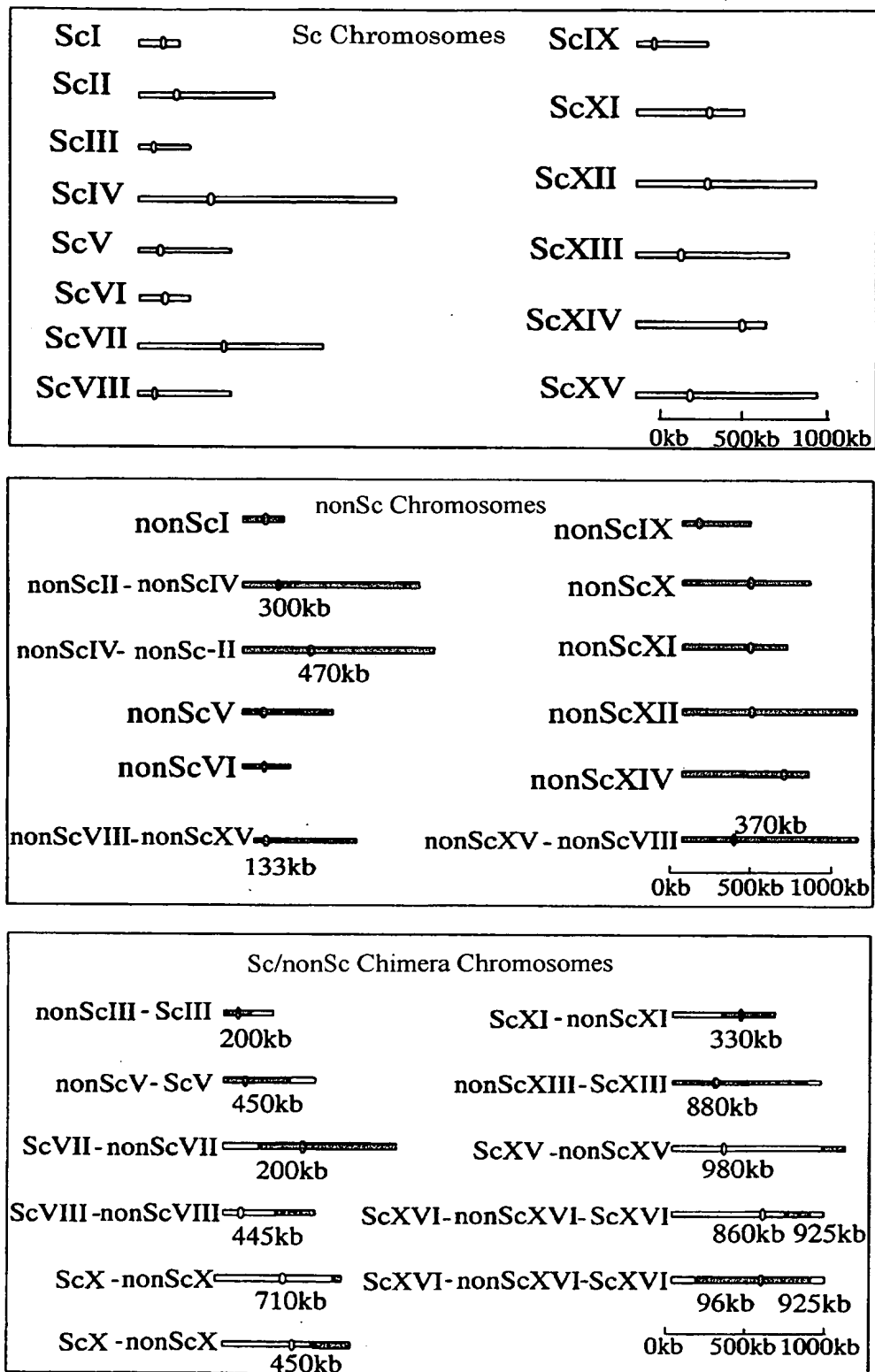


Fig. 2

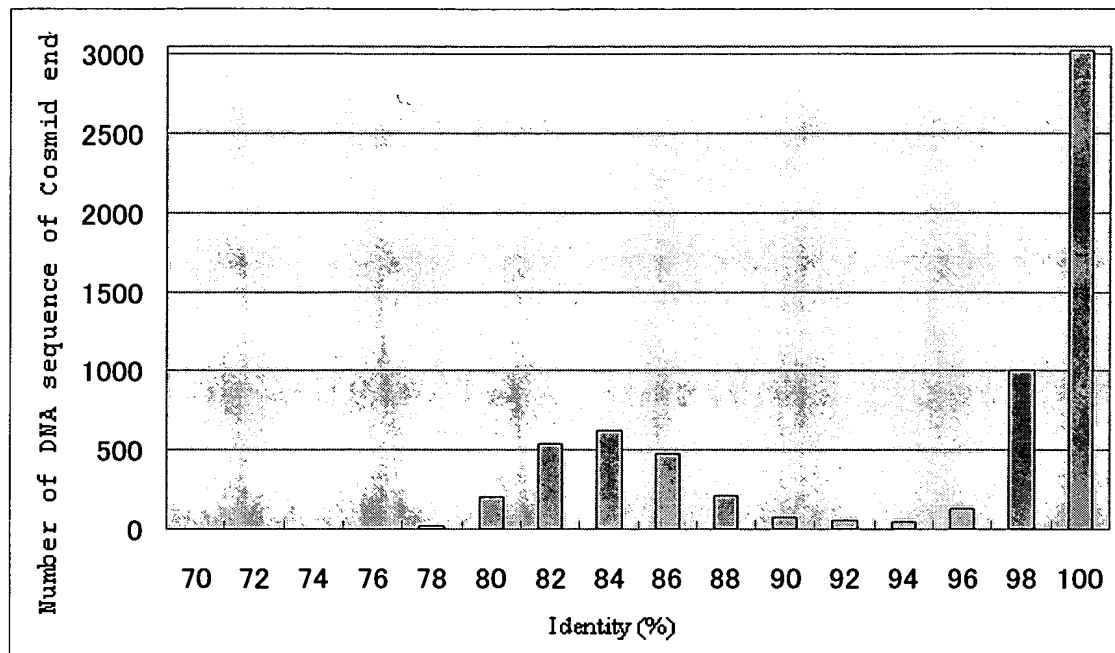


Fig. 3



Fig. 4

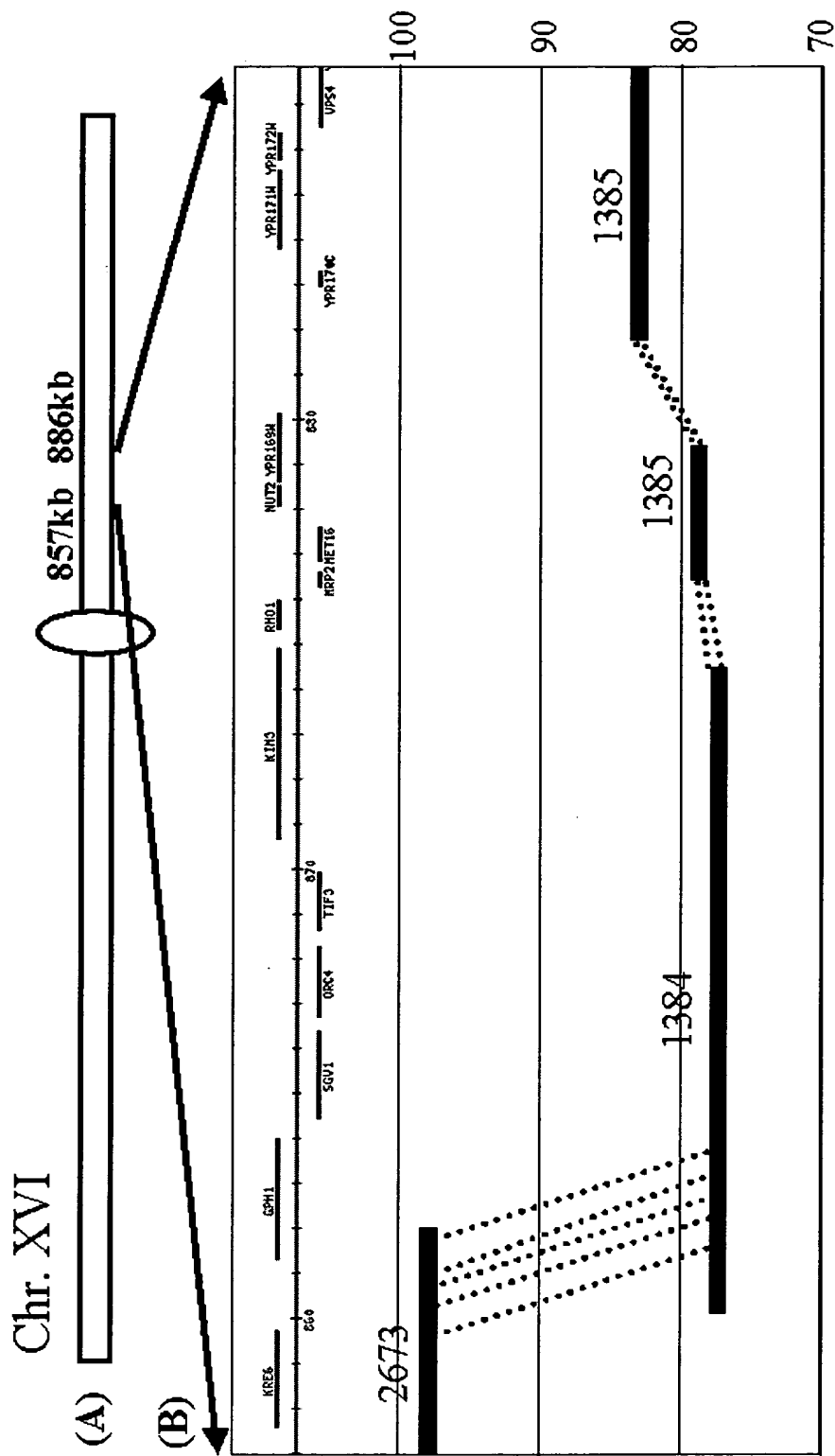


Fig. 5

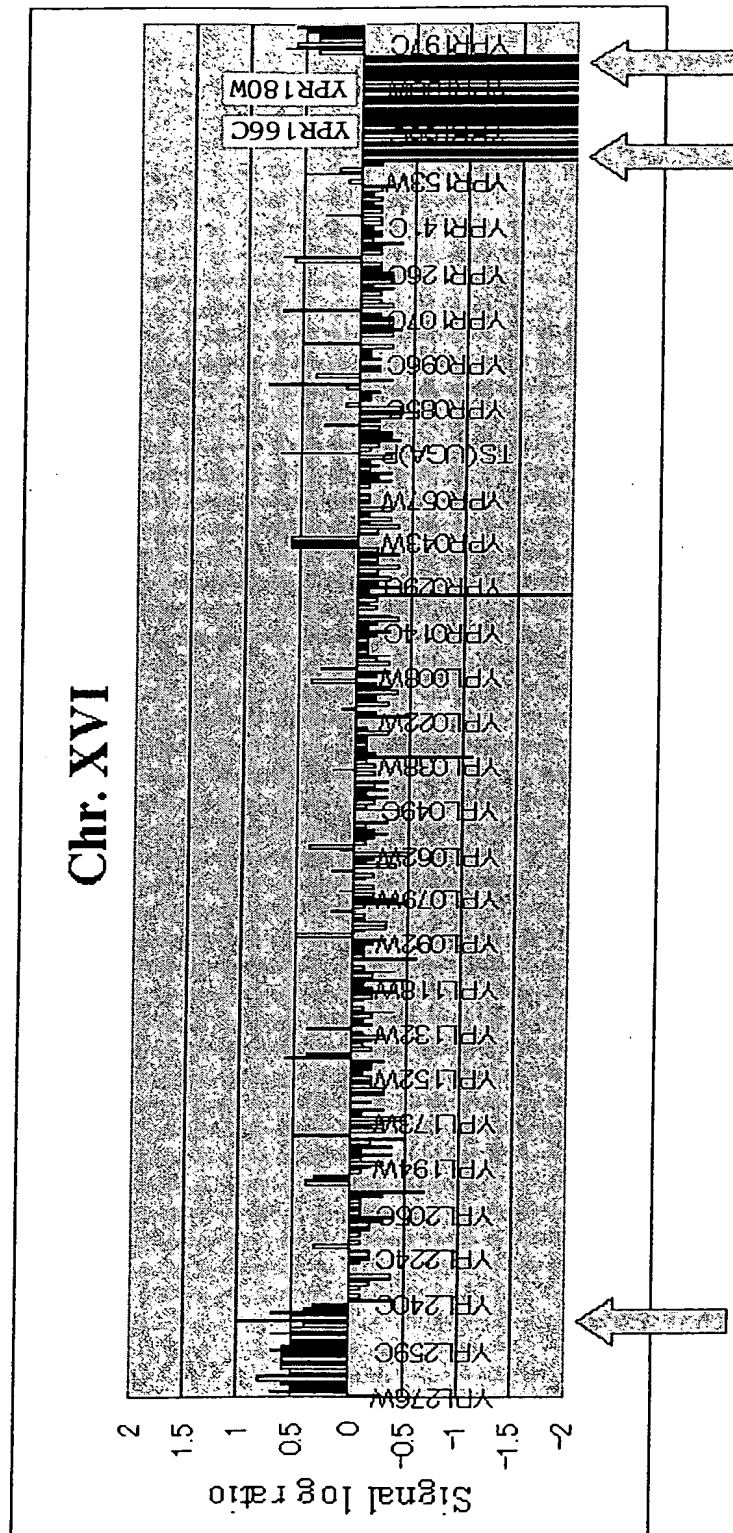


Fig. 6

COPY

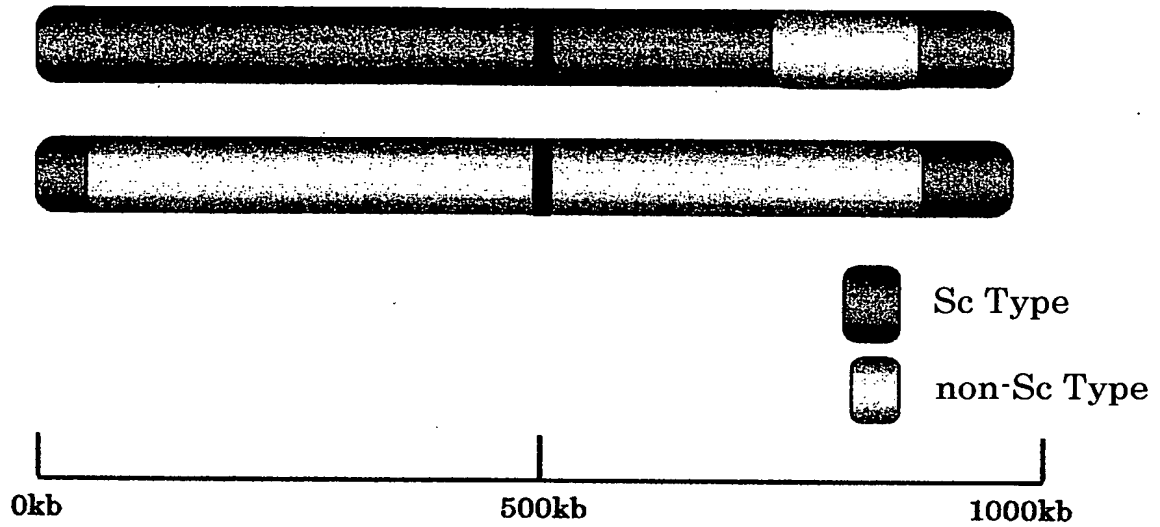
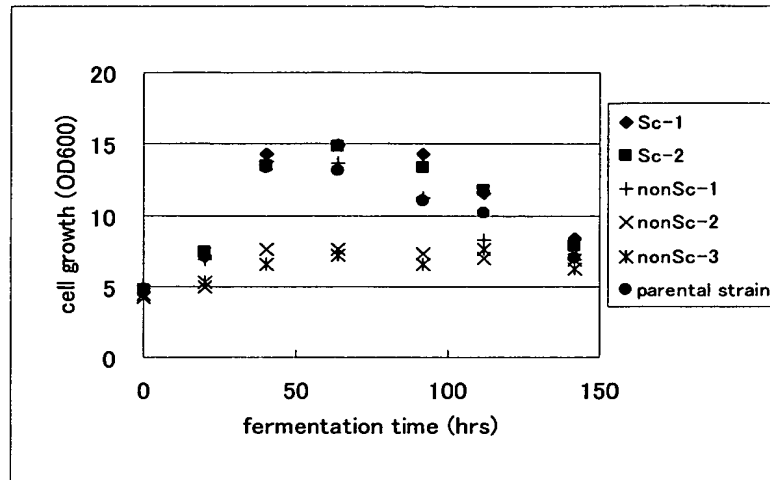
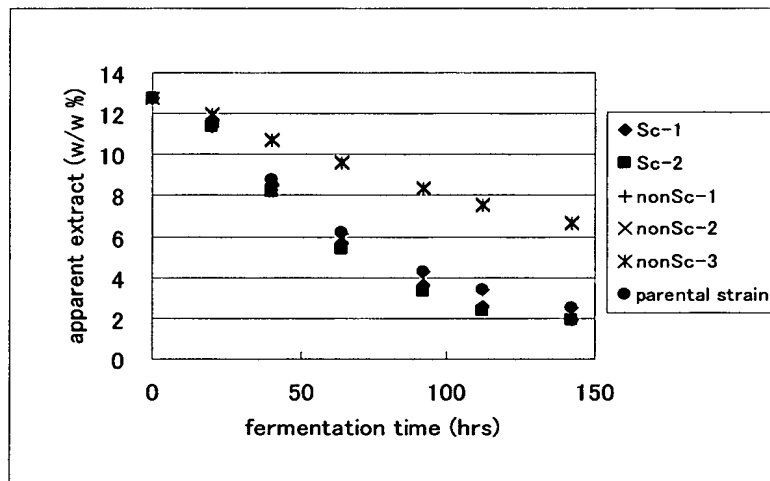


Fig. 7

(a)



(b)



(c)

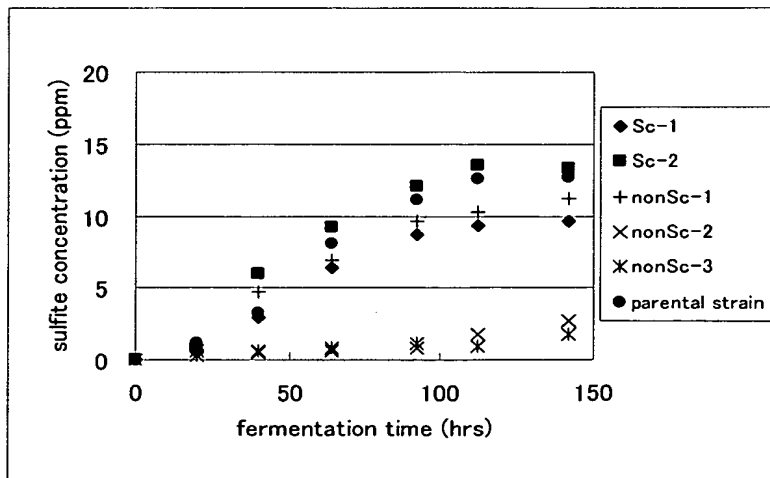
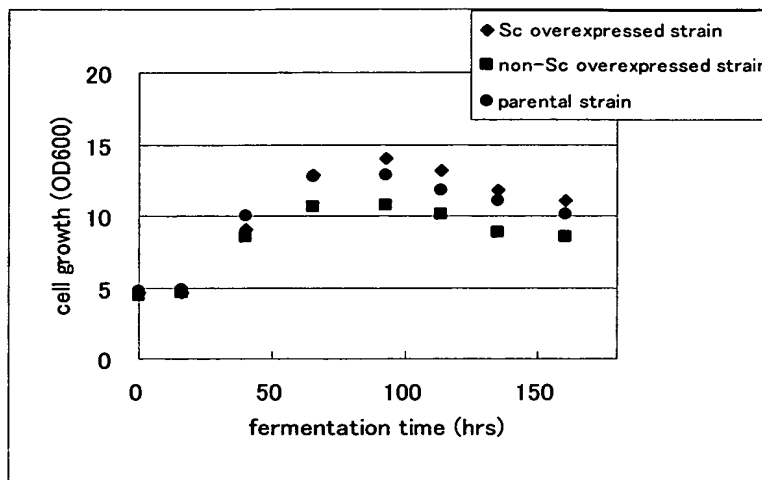
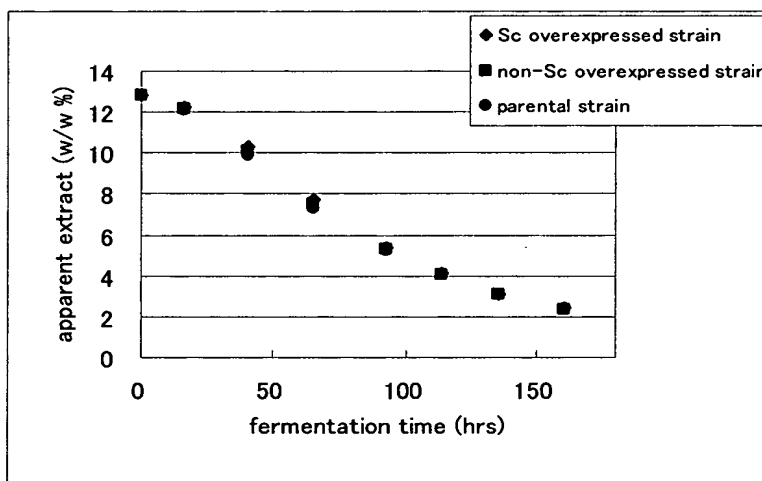


Fig. 8

(a)



(b)



(c)

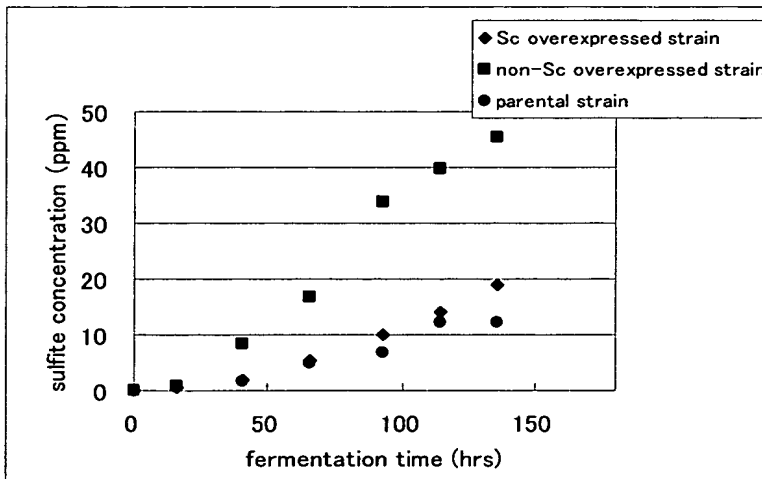


Fig. 9

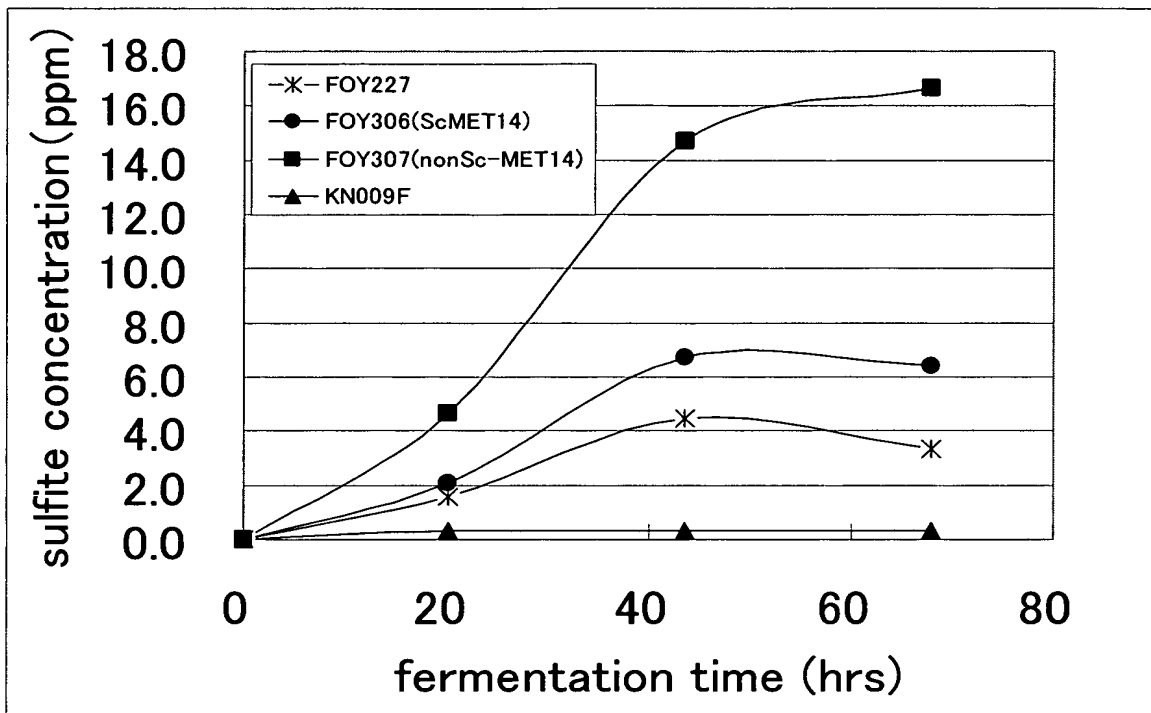


Fig. 10

ScSSU1					
1	atgggtgcc	atgggtact	tgctcttacg	aggcaglttg	accccttcat
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101	lccataatcc	tgcaaggltg	claagaalat	gcicctacat	catgtltgct
151	atcacitgcc	ttatlltcat	tgctgtgcag	gcactacaaa	tattacattt
201	galtgictat	atlaaggaga	aaagcttcag	agaataitit	aalgactitit
251	tcagaaalat	gaagcacagt	ttatlltggg	gtacttatcc	catggggtaa
301	gttacaatia	taaatllcct	aggagcacic	tcgaaagcga	acacgacgaa
351	gagccccact	aaticcagaa	atllgatgat	atltgtttac	gtcttltggt
401	ggtatgatct	cgcagictgt	ctagtaatat	cgtggggat	ctcgtltctc
451	atctggcatg	actattacic	lltgggaagg	atltgggaatc	atccttcaata
501	taataacaaa	atggcatccg	aaaacatgaa	aagltgtatt	ctacttgata
551	tcattccgcl	ggtltgtctg	gcttcaaglt	gtggaacatl	cacaalgica
601	gaaatattct	tccatgcgtt	taatagaaat	attcaactga	taacgtltgt
651	catatgtgcc	ttaacgtggc	tgcatgccat	taetttctgc	ttcatactga
701	ttgcgataia	cttctggagt	ctllataitia	ataagatacc	accaatgaca
751	caggltttca	cttatttctt	gcttttgggc	ccgatgggcc	aaggaagtly
801	tggagtctia	tlgctttacg	ataatataaa	aaaataatgc	ggcaaatatt
851	accaacacga	taacattaca	agagaacaag	agataatgac	tatttgcatt
901	ccatgggtgt	tcaaaatctt	aggcatgggt	tcgtctatgg	catgtctcgc
951	taigggtctat	tttttaccg	tgatttctgt	cgtttcaatc	cgtctgtact
1001	acaataaaaa	agagattgaa	aacgagacag	gaaaagttaa	gagaglttat
1051	accttccaca	aaggtttttg	ggggatgact	ttcccgatgg	gtactatgtc
1101	tttaggaac	gaagagttat	atgtgcagta	taaccagtac	gttcccttat
1151	atgcatttag	agtccttaga	accatatacg	gcgtgttttg	cgtttgtltg
1201	tcaatltctat	gctttttatg	cacattgcat	gagtaattcta	aaaagatgct
1251	gcatgtctgcc	cgtaaatctt	cattattttc	agagtcagg	acggaaaaga
1301	cgacaglttc	lccgtataac	agcattgaaa	gcgtgggaaga	atcaaacctg
1351	gccttagatt	ttacgcgttt	agcataaa		

nonScSSU1					
1	atgggtgcia	gtlgtatgct	cactgccaca	agggaattca	accccttcat
51	gtttgtcatg	gttatggggg	tcggatattc	atcgaatatt	cigtacagct
101	tccegtatcc	ggcgaaggltg	ctgaggatai	gcicgtacat	catgtltgcc
151	attacatgtt	tgattttcat	ctcgttacag	gcgctgcagc	ttttgcacat
201	ggtaicctat	atcaagaana	aaagctttag	agattacttc	aatgaataat
251	tcagaagict	gaaglacaa	ttatlltggg	gtacttatcc	catgggttaa
301	gtaacaatca	taaatlltll	gggggcgcig	tcacaaaaat	tlaccacgac
351	aagccctgcg	aatgccaaag	acttgatcat	lltltgtttac	gtcctgtgtt
401	ggtatgacct	cgcggtttgt	ttagttaacc	cttgggggat	ttcatttctc
451	atctggcaaa	agtactactt	cgtggacggg	gttggaaatc	acttltcata
501	caglttcacga	atggcttccg	accacatgaa	aagcgtacig	ttgttagata
551	tcattccgcl	ggtcgtttgt	gcttcgagcg	gtgggacatt	tacaatgtca
601	aaaataatcg	gtaccacttt	tgataggaat	attcaattgc	taacactggt
651	catctgtgcc	ctgggtttgc	tacacgctct	talatttgte	tttattctga
701	ttacaataia	cttctggaa	ctttacatca	ataagatacc	accaatgacg
751	caggtaattia	cgtltgttct	ggtattgggg	ccattgggcc	aaggaagtll
801	tggtaatttg	tlgctttacg	acaatalaag	aaagtaigia	gaaaaaiacl
851	accaagggga	aaacatcacc	atggaaacaag	aaatactaac	cattatgttt
901	ccgtgtgtgt	tcaaggttct	ggcctatgaca	tttgcctltg	cattaatcgc
951	taigggtttac	ttctttacgg	taatttccct	tatttctgatt	ttatcatact
1001	acaatgaaag	agtgtgtgac	aatgaaacag	gcaaagttaa	aaggatctac
1051	actttccata	aaggtttctg	ggggatgact	ttcccgatgg	gtaccatgtc
1101	tttgggaac	gaggagctgt	atctgcaata	caaccagtat	gttcccttat
1151	atgcattcag	agtcatagct	accataatag	gtggtatttg	tggtltgtgtg
1201	tcaatcttat	gcttctcgtg	cacgttgtat	ggttacctga	aaacgattct
1251	ccatgtctgcc	cgtaaacctt	cgtlltllatc	agaggaaagg	acggagaaga
1301	ctgtcaattc	tcctttcaac	agcaltgaaa	gttgggagga	atcaaacctg
1351	gclatcgata	gtacataatt	aacataaa		

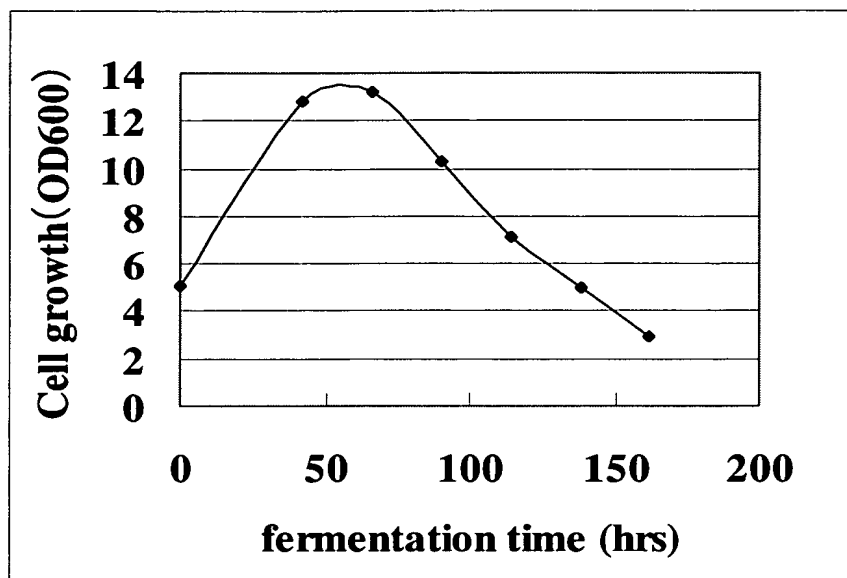
Fig. 11

ScMET14					
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101	cgtcaggtaa	aagtaacaat	gccgtgacgc	tagaacagtt	actgctccaa
151	aaaaacttgt	cigcatatag	attggaatgt	gacaacattc	gttttggatt
201	gaacaaggat	tigggtttct	cagaaaagga	cagaaatgaa	aacattcgta
251	gaattagcga	agtittctaag	ctatttgcig	attcatgtgc	tatttcaatc
301	acctcattta	tcctctccata	cagagttagc	agagatagag	ctcgtagaact
351	acataaggag	gciggtttga	agttcatiga	aataatttgt	gattgtccat
401	tagaagtcgc	tgagcaaagg	gacccaaagg	gtttatacaa	gaaagctagg
451	gaggggtgaa	tcaaggagtt	tacaggtaatt	tcgtcccat	atgaagcgcc
501	aaaagctcca	gagctacatt	tgagaaccga	ccagaagacg	gttgaagaat
551	gtgctaccat	tatttatgag	tacttaataca	gtgaaaaaat	catccgtaag
601	catttgttaa				

nonScMET14					
1	atggctacta	ataatcacttg	gcatccaaat	cttacctacg	acgaacgttaa
51	ggaatttaaga	aagcaagacg	gcgtgtaccgt	tgggttgacc	ggctaaagtg
101	cgtcaggaaa	aagtaacaata	gcttgtgcac	tggaacaatt	actgcttcaa
151	aaaaacttat	cgtcttatag	gttagaattgt	gataacattc	gttttggttt
201	gaataaggat	tigggtctct	cagaaaagga	cagaaatgaa	aacattcgta
251	gaattagtga	agtatccaag	ctatttgcig	attcgtgtgc	tgatccaatc
301	acttcattta	tttccccata	cagagtcgat	agagacagag	cccgtgattt
351	acataaggaa	gcaggcttga	agttcatiga	aatttttgtt	gattgtccat
401	tagaagtcgc	tgagcaaaga	gacccaaagg	gtttgtataa	gaaagccaga
451	gaagggtgta	ttaaagagtt	cactggtaatt	tcagctcctt	acgaagctcc
501	aaaggcccca	gagttgcatt	taagaactga	ccaaaagact	gttgaagaat
551	gtgctgctat	catttatgag	taccgttgta	atgagaagat	tatccggaag
601	catctataa				

Fig. 12

(a)



(b)

